

WEST Search History

DATE: Saturday, June 23, 2007

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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L3	L1 and (protein adj gene)	24
<input type="checkbox"/>	L2	L1 and 22.5kD	0
<input type="checkbox"/>	L1	Streptococcus adj uberis	241

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 24 returned.

- ☐ 1. [20070025978](#). 24 May 06. 01 Feb 07. Bacteriophage lysins for *Enterococcus faecalis*, *Enterococcus faecium* and other bacteria. Yoong; Pauline, et al. 424/94.63; 424/93.6 A61K38/48 20060101
- ☐ 2. [20060275795](#). 10 Mar 06. 07 Dec 06. Determination and potential control of pathogenic bacteria or bacterial strains. Liu; Dongyou, et al. 435/6; 435/91.2 C12P19/34 20070101 C12Q1/68 20070101
- ☐ 3. [20050272695](#). 19 May 05. 08 Dec 05. Fast dissolving dried hyaluronic acid product. Bach, Poul, et al. 514/54; 536/53 A61K031/728 C08B037/00.
- ☐ 4. [20050267068](#). 19 May 05. 01 Dec 05. Dried and agglomerated hyaluronic acid product. Back, Poul, et al. 514/54; 536/53 A61K031/728 C08B037/00.
- ☐ 5. [20050255125](#). 10 Feb 05. 17 Nov 05. *Streptococcus uberis* protein, nucleic acid sequence encoding the same and its use in a mastitis vaccine. Nuijten, Petrus Johannes Maria, et al. 424/190.1; 435/252.3 435/471 435/69.3 530/350 536/23.72 C07H021/04 A61K039/02 C12N015/74 C07K014/315.
- ☐ 6. [20050142615](#). 25 Feb 05. 30 Jun 05. Immunization of dairy cattle with chimeric GapC protein against *Streptococcus* infection. Potter, Andrew A., et al. 435/7.1; G01N033/53 A61K039/09.
- ☐ 7. [20050089529](#). 06 Dec 04. 28 Apr 05. Immunization of dairy cattle with GapC protein against *Streptococcus* infection. Bolton, Alexandra J., et al. 424/190.1; 530/350 A61K039/02 A61K039/09 C07K014/195.
- ☐ 8. [20040062774](#). 27 Aug 03. 01 Apr 04. Immunization of dairy cattle with chimeric GapC protein against streptococcus infection. Potter, Andrew A., et al. 424/185.1; 530/324 530/350 A61K039/00 C07K014/705.
- ☐ 9. [20030175902](#). 20 Dec 02. 18 Sep 03. Methods for producing hyaluronan in a recombinant host cell. Sloma, Alan, et al. 435/84; 435/200 435/252.31 435/320.1 C12P019/26 C12N009/24 C12N001/21 C12N015/74.
- ☐ 10. [20030165524](#). 26 Apr 02. 04 Sep 03. Immunization of dairy cattle with GapC protein against *Streptococcus* infection. Bolton, Alexandra J., et al. 424/190.1; 435/183 435/252.3 435/320.1 435/69.1 536/23.7 A61K039/02 C07H021/04 C12N009/00 C12N001/21 C12P021/02 C12N015/74.

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- ☐ 11. [20030082781](#). 11 Jun 01. 01 May 03. Immunization of dairy cattle with GapC protein against Streptococcus infection. Bolton, Alexandra J., et al. 435/219; 435/252.3 435/320.1 435/6 435/69.1 435/7.32 536/23.7 C12Q001/68 G01N033/554 G01N033/569 C07H021/04 C12N009/50 C12P021/02 C12N001/21 C12N015/74.
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- ☐ 12. [20020044928](#). 11 Jun 01. 18 Apr 02. Immunization of dairy cattle with chimeric GapC protein against streptococcus infection. Potter, Andrew A., et al. 424/94.1; 435/183 435/320.1 435/325 435/69.7 530/350 A61K038/43 C12P021/04 C12N009/00 C12N005/06 C07K014/435.
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- ☐ 13. [20020025322](#). 11 Jun 01. 28 Feb 02. Immunization of dairy cattle with Mig protein. Potter, Andrew A., et al. 424/190.1; A61K039/09.
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- ☐ 14. [7160549](#). 22 Apr 04; 09 Jan 07. Methods for making compositions including gram negative microbial polypeptides. Emery; Daryll A., et al. 424/234.1; 424/203.1 424/236.1 424/241.1 424/255.1 424/256.1 424/257.1 424/258.1 424/259.1 424/260.1 424/261.1 424/282.1 435/239 530/344 530/412. A61K39/02 20060101 A61K39/108 20060101 A61K45/00 20060101 C07K14/00 20060101 C07K16/00 20060101 C07K17/00 20060101 C12N7/02 20060101 .
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- ☐ 15. [7138125](#). 22 Apr 04; 21 Nov 06. Methods for treating an animal for low milk production. Emery; Daryll A., et al. 424/234.1; 424/184.1 424/203.1 424/241.1 424/244.1 424/257.1 424/258.1 424/823 514/12 514/2. A01N37/18 20060101 A61K38/00 20060101 A61K39/00 20060101 A61K39/09 20060101 A61K39/108 20060101 A61K39/116 20060101 A61K39/38 20060101 .
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- ☐ 16. [6875853](#). 27 Aug 03; 05 Apr 05. Immunization of dairy cattle with chimeric GapC protein against streptococcus infection. Potter; Andrew A., et al. 536/23.4; 424/184.1 424/192.1 424/237.1 435/320.1 435/69.1 435/69.3 435/69.7 536/23.1 536/23.7. C07H021/00 C07H021/04 C12N015/00 C12N015/09 A61K039/09 .
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- ☐ 17. [6866855](#). 11 Jun 01; 15 Mar 05. Immunization of dairy cattle with GapC protein against Streptococcus infection. Bolton; Alexandra J., et al. 424/244.1; 424/184.1 424/190.1 424/234.1 514/2 530/300 530/350 530/825. A61K039/09 A61K030/02 A61K039/38 A61K038/00 C07K001/00 .
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- ☐ 18. [6833134](#). 26 Apr 02; 21 Dec 04. Immunization of dairy cattle with GapC protein against Streptococcus infection. Bolton; Alexandra J., et al. 424/244.1; 424/184.1 424/190.1 424/234.1 514/2 530/300 530/350 530/825. A61K039/09 A61K030/02 A61K039/38 A61K038/00 C07K001/00 .
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- ☐ 19. [6740322](#). 11 Jun 01; 25 May 04. Immunization of dairy cattle with Mig protein. Potter; Andrew A., et al. 424/185.1; 424/190.1 424/234.1 424/244.1 530/350. A61K039/00 A61K039/02 A61K039/09 C07K001/00 .
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- ☐ 20. [6660270](#). 11 Jun 01; 09 Dec 03. Immunization of dairy cattle with chimeric GapC protein against Streptococcus infection. Potter; Andrew A., et al. 424/192.1; 424/184.1 424/185.1 424/190.1 424/244.1. A61K039/00 A61K039/02 A61K039/09 A61K039/38 .
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L3: Entry 21 of 24

File: USPT

Apr 24, 2001

DOCUMENT-IDENTIFIER: US 6221582 B1

TITLE: Polynucleic acid sequences for use in the detection and differentiation of prokaryotic organisms

Brief Summary Text (33):

The wording "c-gtp-like proteins and genes" thus refers to functionally and structurally related proteins to the c-gtp proteins, in prokaryotic organisms other than *Campylobacter*, and genes coding for the same. The c-gtp-like proteins are substantially homologous to the c-gtp proteins of *Campylobacter*, with a homology degree on the protein level in excess of 70%, preferably in excess of 80%, most preferably in excess of 90%. The homology on the DNA level may be much less, and preferably more than 50%. The c-gtp-like proteins and genes constitute the "c-gtp-family" of proteins and genes.

Detailed Description Text (182):

The following scheme shows an alignment of primerset B, containing primers GTP1.1, GTP3.1 and GTP3.2, with the G-1 and G-3 like sequences from the HI0393 protein (gene). G-1 and G-3-like sequences were found between amino acid positions 9 to 15 and 72 to 75, respectively. Although some mismatches occur, especially in the G-3 like sequences, amplification is still possible. The intervening sequence is 56 amino acids, and the total amplification product has a calculated size of 209 bp. No G-4 (NKVD)-like sequence could be detected.

Detailed Description Text (208):

Jayarao B. M., Bassem B. J., Caetano-Anolies G., Gresshoff P. M., and Oliver S. P. 1992. Subtyping of *Streptococcus uberis* by DNA amplification fingerprinting. J. Clin. Microbiol. 30:1347-1350.

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Search Results - Record(s) 21 through 24 of 24 returned.

- ☐ 21. [6221582](#). 07 Aug 97; 24 Apr 01. Polynucleic acid sequences for use in the detection and differentiation of prokaryotic organisms. Giesendorf; Belinda, et al. 435/6; 536/22.1. C12Q001/68 C07H021/02 .
- ☐ 22. [5610011](#). 20 Sep 93; 11 Mar 97. Virulence-encoding DNA sequences of *Streptococcus suis* and related products and methods. Smith; Hilda E., et al. 435/6; 435/252.3 435/320.1 435/885 435/975 536/23.1 536/23.7 536/24.32. C12Q001/68 C07H021/04 .
- ☐ 23. [EP001734050A2](#). 11 Jun 01. 20 Dec 06. Immunization of dairy cattle with GapC protein against streptococcus infection. BOLTON, ALEXANDRA J, et al.
- ☐ 24. [WO2004018683A](#). New nucleic acid sequence encoding a 22.5 kD *Streptococcus uberis* protein, or its part that encodes an immunogenic fragment of the protein, useful for treating *Streptococcus uberis* infection. HENSEN, S M, et al. A61K035/74 A61K035/76 A61K039/02 A61K039/09 A61K048/00 A61P031/04 C07H021/04 C07K014/315 C12N001/15 C12N001/19 C12N001/21 C12N005/10 C12N015/09 C12N015/31 C12N015/63 C12N015/74 C12Q001/68 G01N033/53.

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L3: Entry 24 of 24

File: DWPI

May 26, 2006

DERWENT-ACC-NO: 2004-226854

DERWENT-WEEK: 200637

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TITLE: New nucleic acid sequence encoding a 22.5 kD Streptococcus uberis protein, or its part that encodes an immunogenic fragment of the protein, useful for treating Streptococcus uberis infection

INVENTOR: HENSEN, S M; NUIJTEN, P J M

PRIORITY-DATA: 2002EP-0078325 (August 12, 2002)

Search Selected

Search ALL

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>NZ 538075 A</u>	May 26, 2006		000	C12N015/31
<input type="checkbox"/> <u>WO 2004018683 A1</u>	March 4, 2004	E	037	C12N015/31
<input type="checkbox"/> <u>AU 2003251694 A1</u>	March 11, 2004		000	C12N015/31
<input type="checkbox"/> <u>EP 1532253 A1</u>	May 25, 2005	E	000	C12N015/31
<input type="checkbox"/> <u>BR 200313237 A</u>	July 12, 2005		000	C12N015/31
<input type="checkbox"/> <u>US 20050255125 A1</u>	November 17, 2005		000	C07H021/04
<input type="checkbox"/> <u>JP 2005535350 W</u>	November 24, 2005		027	C12N015/09

INT-CL (IPC): A61K 35/74; A61K 35/76; A61K 39/02; A61K 39/09; A61K 48/00; A61P 31/04; C07H 21/04; C07K 14/315; C12N 1/15; C12N 1/19; C12N 1/21; C12N 5/10; C12N 15/09; C12N 15/31; C12N 15/63; C12N 15/74; C12Q 1/68; G01N 33/53

ABSTRACTED-PUB-NO: WO2004018683A

BASIC-ABSTRACT:

NOVELTY - A nucleic acid sequence encoding a 22.5 kD Streptococcus uberis protein, or its part that encodes an immunogenic fragment of the protein, and having at least 85% homology with a nucleic acid sequence of Streptococcus uberis protein gene of 603 bp (S1), fully defined in the specification, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) a nucleic acid fragment comprising the nucleic acid sequence;
- (2) a recombinant DNA molecule comprising the nucleic acid molecule or the DNA fragment, under the control of a functionally linked promoter;
- (3) a live recombinant carrier comprising the nucleic acid sequence, DNA fragment or recombinant molecule;

- (4) a host cell comprising the nuclei acid sequence, DNA fragment, recombinant DNA molecule or live recombinant carrier;
- (5) a 22.5 kD Streptococcus uberis protein or its immunogenic fragment having at least 33 amino acids, characterized in that the protein or its fragment has a sequence homology of at least 90% to 200 amino acids, fully defined in the specification;
- (6) a vaccine for combating Streptococcus uberis infection comprising the nucleic acid sequence, DNA fragment, DNA molecule, live recombinant carrier, host cell or protein, and a carrier;
- (7) a method for preparing the vaccine by admixing the nucleic acid sequence, DNA fragment, recombinant DNA molecule, live recombinant carrier, host cell, protein or antibodies against the protein, and a carrier; and
- (8) a diagnostic kit comprising suitable detection means and the nucleic acid sequence or its primer, protein or its immunogenic fragment, or antibodies that are reactive with the protein.

ACTIVITY - Antibacterial.

No biological data given.

MECHANISM OF ACTION - Vaccine (claimed).

USE - The nucleic acid sequence, host cell, DNA molecule, live carrier and protein are useful as a vaccine for combating Streptococcus uberis infection (claimed).

ABSTRACTED-PUB-NO: WO2004018683A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0